

HUMAN NMDAR1 cDNAs

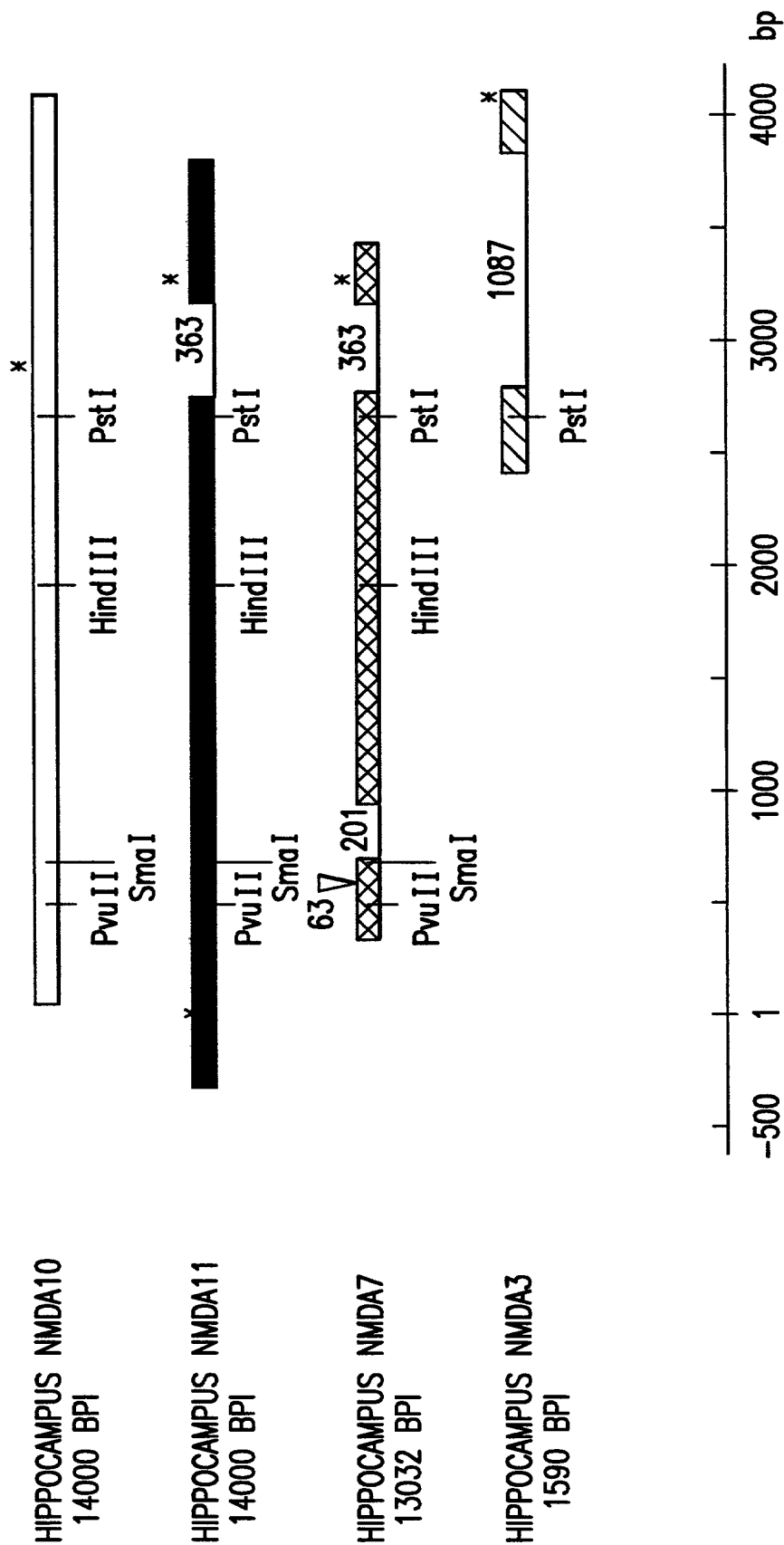


FIG.1

HUMAN NMDAR1A CONSTRUCTS

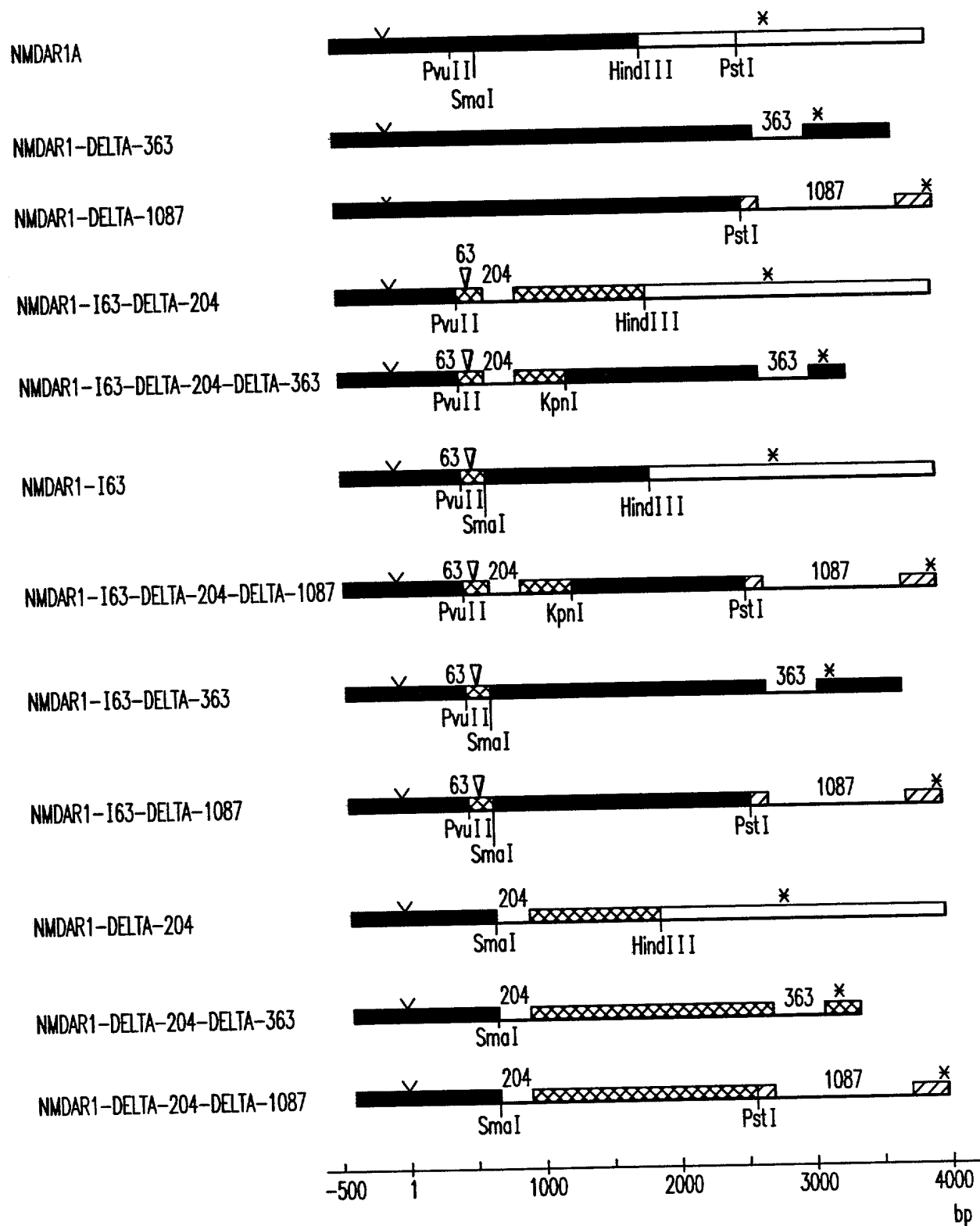


FIG.2

NUCLEOTIDE SEQUENCE OF THE HUMAN NMDARIA RECEPTOR

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1  ccagccgggc gttcggagct gtcccggcc ccgttcagc accgggaca ggcggggcgc cgtggggctg agcggcgcg cccggcgac gttcagccc
101  cccttccctc ggcgcagctc ccgggaccgc cgtccggggg gagcgtggc gtccgcagcc cgcgggggcg ggcgagcgca ggaaggcccg gaagcccccgc
      - START
201  gggggatgcg ccgaggggccc cgcgttcgcg ccgcgcagag ccaggcccgc ggcgcgggcc cATGAGCACC ATGGCCCTGC TGACGCTGCG CCTGCTGTTC
301  TCTGCTCGG TCGCCCGTGC CGCGTGGAC CCCAGATCG TCAACATGG CCGGTGCTG AGCAGCGCGA AGCAGCAGCA GATGTTCCGC GAGGCCGTGA
401  ACAGGCCCAA CAAGCGGCAC GGCCTCTGGA AGATTGAGT CAATGCCACC TCCGTACGC ACAAGCCCAA CGGCATCCGG ATGGCTCTGT CCGGTGTGGA
501  GGACCTCATC TCCAGCCAGG TCTAGGCCAT CCTAGTAGC CATCCACCTA CCCCCAAGCA CCACTTCACT CCCCACCCCTG TCTCTACAC AGCCGCGCTT
601  TACCGCATAC CCGTGTCTGG GCTGACCACC CGCATGTCCA TCTACTCGGA CAAGAGCATC CACTGAGCT TCGTGGGCAC CGTGGCCGCC TACTCCACCC
      Pvu II
701  AGTCCAGGCT GTGGTTTGAG ATGATCGGTG TCTACAGCTG GAACACATC ATCTGCTGG TCAGCGAGCA CCACGAGGGC CCGCGCGCTC AGAAACGCCCT
      63 bp INSERT
801  GGAGACGGTG CTGGAGGAGC GTGAGTCCAA GGCAGAGAG GTGCTGCAGT TTACCCAGG GACCAAGAAC GTACCGGCC TCGTGATGA GCGGAAAGAG
      Sma I
901  CTGGAGGCCC GGGTCATCAT CCTTCTGCC AGCGAGGAGC ATGCTGCCAC TGTAACCCG GAGCCGCGA TCGTGAACAT GACCGGCTCC GGGTACGTGT
      Bgl II
1001  GGCTGTCTGG CGAGCGCGAG ATCTCGGGGA ACGCCCTGCG CTACGCCCCA GACGGCATCC TCGGGCTGCA GCTCATCAAC GGCAGAAGCG AGTCGGCCCA
1101  CATCAGGCAC GCGGTGGCG TGGTGGCCA GCGGTGCCAC GAGCTCTCG AGAGGAGAA CATACCCAC CCGCCGCGGG GCTGCGTGG CAACACCAAC
1201  ATCTGAAGA CCGGGCGCT CTTCAAGAGA GTGCTGATG CTTCCAAGTA TGGGATGG GTGACTGGT GCGTGGAGT CAATGAGGAT GGGGACCGGA
1301  AGTTCCCAA CTACAGCATC ATGAACCTGC AGAACCGCA GCTGGTGCAG GTGGCATCT ACAATGCCAC CCACGTCATC CCTAATGACA GGAAGATCAT
      Kpn I
1401  CTGGCCAGGC GGAGAGACAG AGAGCCTCG AGGTACCAG ATGTCCACCA GACTGAAGAT TGTAGCATC CACGAGAGC CCTTCGTGA CGTCAAGCCC
1501  ACGCTGAGTG ATGGACATG CAAGGAGGAG TTACAGTGA ACGCGGACCC AGTCAAGAAG GTGATCTGCA CCGGGCCCAA CGACACGTCC CCGGGCAGCC
1601  CCGGCCACAC GGTGCTCAG GTTTGCTAG GCTTTTGCAT CGACCTGCTC ATCAAGCTGG CACGACCAT GAACCTCACC TACGAGGTGC ACCTGGTGGC
1701  AGATGGCAAG TTGGGCACAC AGGAGCGGT GAACAACAGC AACAGAAGG AGTGAATGG GATGATGGC GAGTGTCTCA CCGGGCAGGC AGACATGATC
1801  GTGGCGCGC TAACCATAA CAACGAGGC GGCAGTACA TCGAGTTTC CAGCCCTTC AGTACCAGG GCTGACTAT TCTGGTCAAG AAGGAGATT
1901  CCGGAGCAC GCTGACTCG TTCATGCAGC CGTTCAGC CACACTGCG GTGCTGGTG GCGTGTGCT GCACTGGTG GCGGTGATG TGTACCTGCT
2001  GGACCCCTTC AGCCCTTCC GCGGTTCAA GGTGAACAGC GAGGAGGAG AGTACCCTG TCCTCGCCCA TGTGTTCTC CTGGGGGGTC

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-204 bp
DELETION

FIG.3A

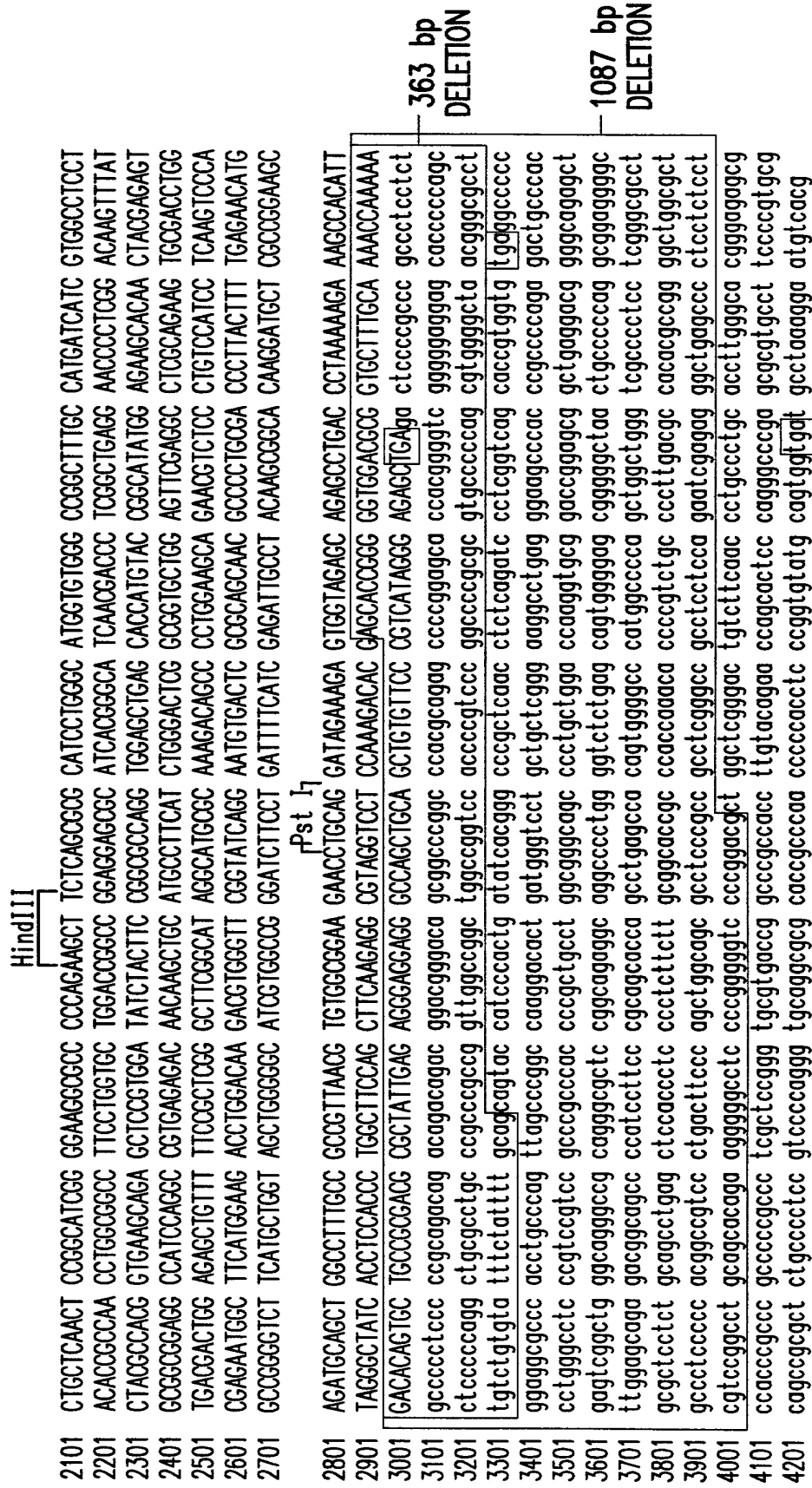


FIG.3B

HUMAN NMDAR2C cDNAs

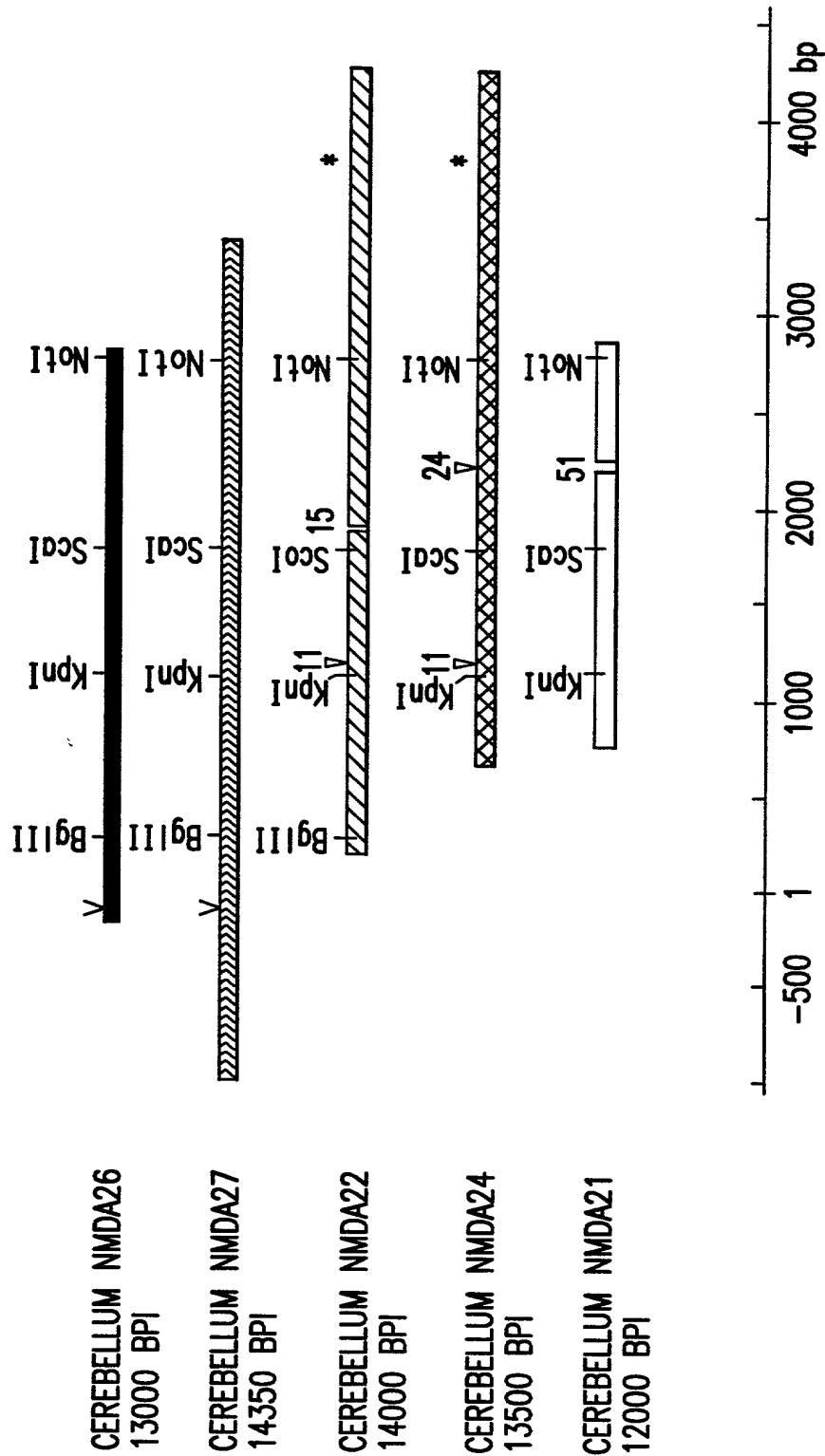


FIG.4

201070-266820T

CONSTRUCTION OF THE FULL-LENGTH HUMAN NMDAR2C cDNAs

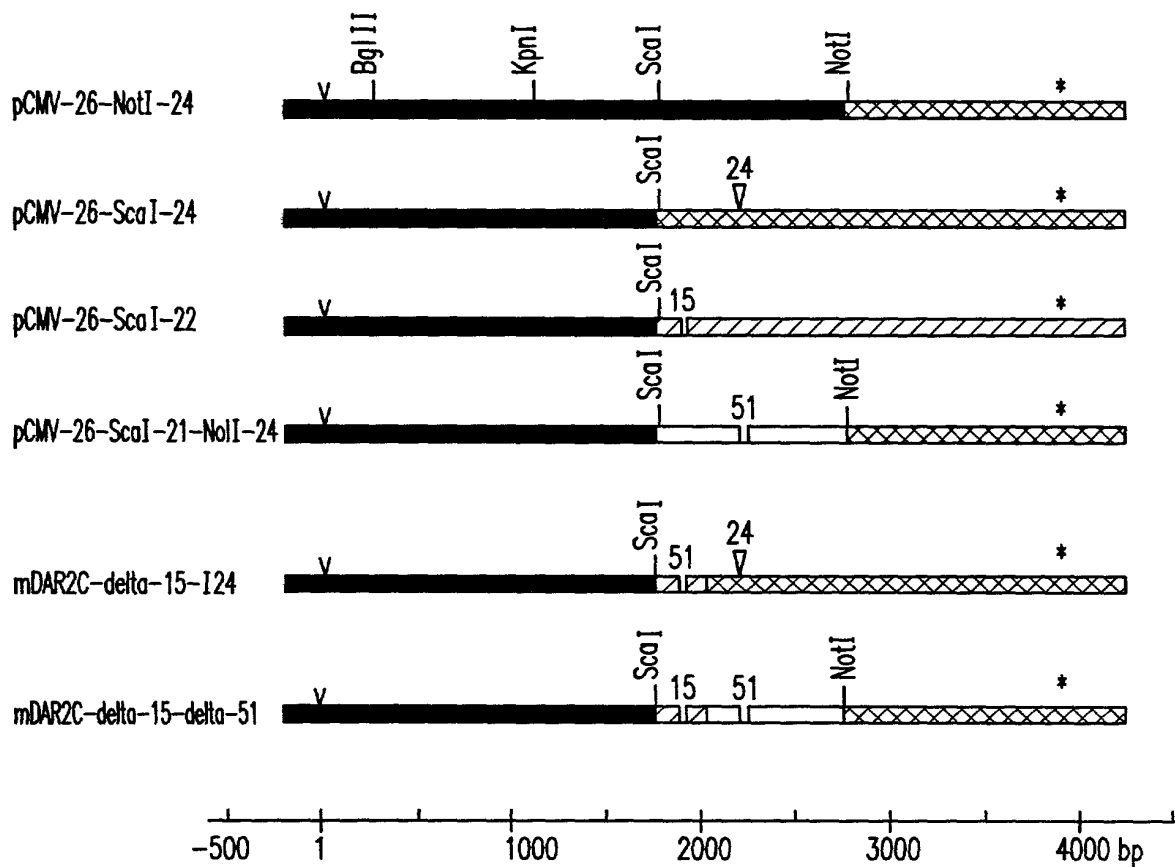


FIG.5

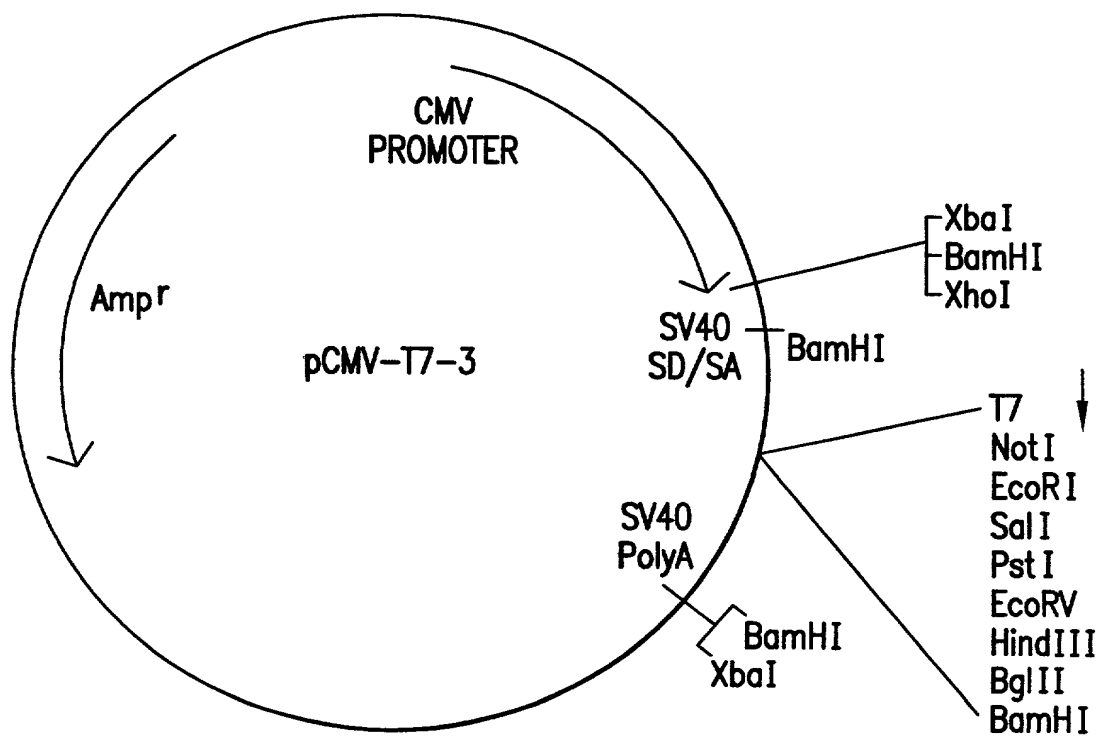
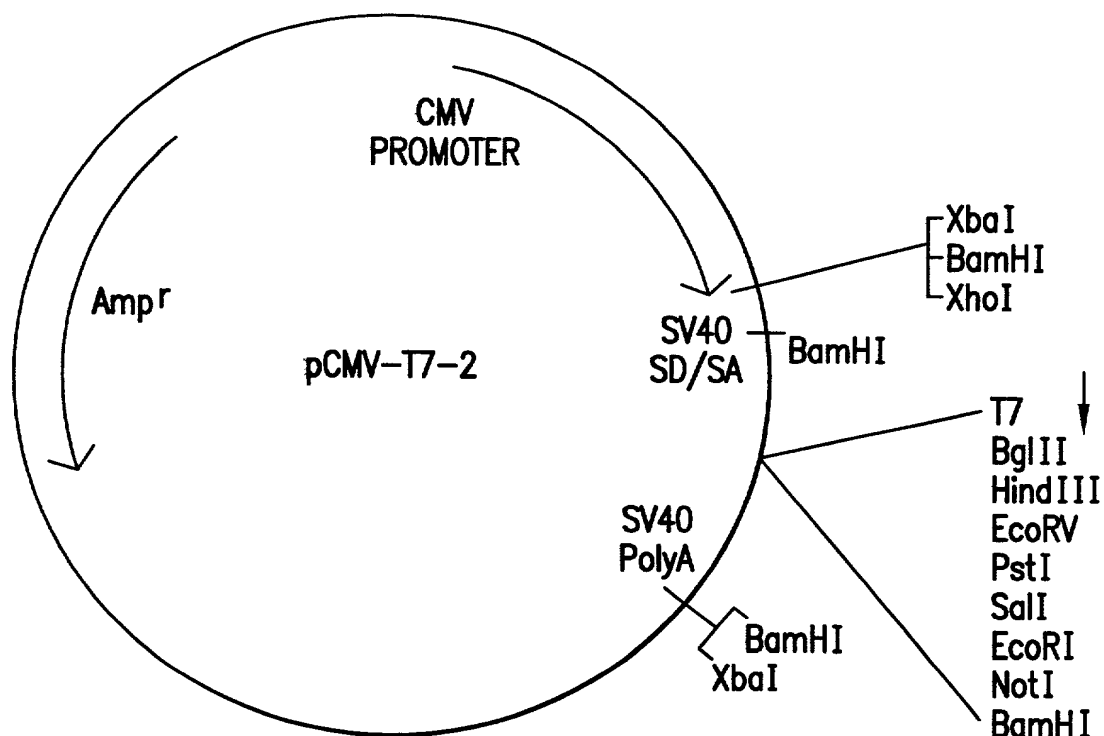


FIG.6